

## EKATERINA ALEKSEEVA'S PUBLICATION LIST

### ARTICLES

- E. Alekseeva, Yu. Kochetov, A. Plyasunov. Complexity of local search for the  $p$ -median problem. *European Journal of Operational Research*, 2008. Volume 191, Issue 3. P. 736-752
- E. Alekseeva, Yu. Kochetov. Genetic local search for the bilevel  $p$ -median with users preferences problem. *Journal of Discrete Analysis and Operations Research*. 2007, Ser. 2, Vol. 14 (1), P.3–31. (in Russian).
- E. Alekseeva. Pivoting rules in local search algorithm for the  $p$ -median problem. *Proceedings of the Institute of Computational Mathematics and Mathematical Geophysics SB RAS*. 2006. Ser. Informatika, Issue 6. P. 5–11. (in Russian).
- E. Alekseeva, Yu. Kochetov, T. Levanova, M. Loresh. Large neighborhood local search for the  $p$ -median problem. *Yugoslav Journal of Operations Research*. 2005. Vol. 15 (1). P.53–63.
- E. Alekseeva and Yu. Kochetov. Large neighborhood search for the  $p$ -median problem. *Proceedings SYM-OP-IS 2003, Herceg-Novi, Montenegro, 2003*. P. 19–21.

### THESIS AND PROCEEDINGS

- E. Alekseeva, N. Kochetova, Y. Kochetov, A. Plyasunov Heuristic and exact methods for the discrete  $(r/p)$ -centroid problem. **Proceedings of the 12th European Conference, EvoCOP 2010**, Istanbul, Turkey, April 2010, p. 11-22
- E. Alekseeva, Yu. Kochetov, Al. Plyasunov An exact method for the  $(r/p)$ -centroid problem. **The 20th International Symposium of Mathematical Programming (ISMP)**. Chicago, Illinois. USA. 2009
- E. Alekseeva, Yu. Kochetov, N. Kochetova Upper and lower bounds for the  $p$ -median problem with foresight. **International Conference Operations Research**. Augsburg, Germany. 2008
- E. Alekseeva, A. Orlov. A memetic algorithm for the competitive  $p$ -median problem. **The 14th international workshop. Mathematical Programming**. Irkutsk, Russia, 2008. (in Russian)
- E. Alekseeva, N. Kochetova. Upper and lower bounds for the competitive  $p$ -median problem. **The 14th international workshop. Mathematical Programming**. Irkutsk, Russia, 2008. (in Russian)
- E. Alekseeva, Yu. Kochetov. A memetic algorithm for the  $p$ -median problem with users preferences. **22nd European Conference on Operational Research EURO XXII**. Prague, Czechia, 2007
- E. Alekseeva. The pivoting rules in local search for the  $p$ -median problem. **Optimization Problems and Economic Applications**. Omsk, Russia. 2006. (in Russian)
- E. Alekseeva, Yu. Kochetov, A. Plyasunov. Complexity of local search for the  $p$ -median problem. **XVIII Mini-Euro conference on Variable Neighborhood Search**. Tenerife, Spain, 2005

E. Alekseeva. The average case behavior of local search for the  $p$ -median problem. **The 13<sup>th</sup> international workshop. Mathematical Programming.** Irkutsk, Russia, 2005. (in Russian)

E. Alekseeva, Yu. Kochetov, A. Plyasunov. Genetic algorithm for the bilevel  $p$ -median problem. **Discrete Analysis and Operations Research Conference.** Novosibirsk, Russia, 2004. (in Russian)

E. Alekseeva, Yu. Kochetov, A. Plyasunov. The bilevel  $p$ -median problem with user preferences. **Operational Research Conference.** Tilburg, The Netherlands, 2004.

E. Alekseeva, Yu. Kochetov. Large neighborhood local search for the  $p$ -median problem. **International Symposium on Operations Research SYM-OP-IS-2003.** Montenegro, 2003

## **TUTORIAL**

E. Alekseeva, O. Kutnenko, A. Plyasunov. Optimization Methods. Novosibirsk State University. 2008 (in Russian)